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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/531,622	04/14/2005	David S. Foell	1200210-2N US	8430

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POLYONE CORPORATION
33587 WALKER ROAD
AVON LAKE, OH 44012

EXAMINER

SAFAVI, MICHAEL

ART UNIT	PAPER NUMBER
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3637

MAIL DATE	DELIVERY MODE
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11/13/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/531,622	Applicant(s) FOELL ET AL.	
	Examiner Michael Safavi	Art Unit 3637	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 27 August 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) 2,3,5,7 and 9-12 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,4,6 and 8 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on August 27, 2008 has been entered.

Drawings

The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the “panel...[having] one substantially straight or flat surface...[w/male portions having] first projections...parallel to the wall panel and each other, and...the second projections...extend...perpendicular to each other”, (**claim 4**), must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as “amended.” If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for

consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 112

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Claims 4, 6, and 8 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. The specification does not appear clear and complete as to an "insert panel" formed as a "panel...[having] one substantially straight or flat surface...[w/male portions having] first projections...parallel to the wall panel and each other, and...the second projections...extend...perpendicular to each other".

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1, 4, 6, and 8 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 1, it is not clear as to what is being defined by the language presented within lines 12-14. Does the claimed invention possess eight total projections with four projections on either opposing end of the wall panel? Otherwise, it is not clear as to which of the disclosed species claim 1 is directed. Perhaps any of Figures 19, 20 and 25-31 present two first projections and two second projections on each of the opposing ends of a wall panel.

It is not clear as to what is being defined by the language of claim 4. The specification does not appear clear and complete with respect to an “insert panel” formed as a “panel...[having] one substantially straight or flat surface...[w/male portions having] first projections...parallel to the wall panel and each other, and...the second projections...extend...perpendicular to each other”.

Claim 4, line 8, “the first projections at the ends” appears to lack antecedent basis within the claim. Are these “first projections at the ends” the same as the “first projection” of “each male engagement portion”? It is therefore, it is not clear as to what is being defined by “the first projections at the ends”. Line 10, “the second projections at the ends” appears to lack antecedent basis within the claim. Are each of these “second projections at the ends” the same as the “second projection” of “each male engagement portion”? It is therefore, it is not clear as to what is being defined by “the first projections at the ends”.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1, 4, 6, and 8 are rejected under 35 U.S.C. 102(b) as being anticipated by Johnson '262. Johnson discloses, Fig. 16, (see also attached annotated Fig. 16 below), an insert panel 150, wherein the insert panel has one substantially straight or flat surface and wherein the male engagement portions (surrounding 58, 58') at each end extend from a same side of the wall panel, (those engagement portions that surround 58, 58' on the same side of the panel), wherein each male engagement portion has a first projection (A) and an integral second projection (B), wherein the first projections at the ends extend substantially parallel to the wall panel and each other, and wherein the second projections at the ends extend substantially perpendicular to each other.

Claims 1, 4, 6, and 8 are rejected under 35 U.S.C. 102(b) as being anticipated by Piccone '648. Piccone discloses, Fig. 7, (see also attached annotated Fig. 7 below), an insert panel 94, wherein the insert panel has one substantially straight or flat surface 96 and wherein the male engagement portions 104, 102 at each end extend from a same side of the wall panel, wherein each male engagement portion has a first projection (A) and an integral second projection (B), wherein the first projections at the ends extend substantially parallel to the wall panel and each other, and wherein the second projections at the ends extend substantially perpendicular to each other.

Claims 1, 4, 6, and 8 are rejected under 35 U.S.C. 102(b) as being anticipated by Lanc '669. Lanc discloses, Fig. 1, (see also attached annotated Fig. 1 below), an insert panel 10, wherein the insert panel has one substantially straight or flat surface and wherein the male engagement portions at each end extend from a same side of the wall panel, wherein each male engagement portion has a first projection (A) and an integral second projection (B), wherein the first projections at the ends extend substantially parallel to the wall panel and each other, and wherein the second projections at the ends extend substantially perpendicular to each other.

Claims 1, 4, 6, and 8 are rejected under 35 U.S.C. 102(b) as being anticipated by Nessa et al. '863. Nessa et al. discloses, Fig. 1, (see also attached annotated Fig. 1 below), an insert panel, wherein the insert panel has one substantially

straight or flat surface (C) and wherein the male engagement portions at each end extend from a same side of the wall panel, wherein each male engagement portion has a first projection (A) and an integral second projection (B), wherein the first projections at the ends extend substantially parallel to the wall panel and each other, and wherein the second projections at the ends extend substantially perpendicular to each other.

Response to Arguments

Applicant's arguments filed August 27, 2008 have been fully considered but they are not persuasive.

As for the rejection of claim 4 under 35 U.S.C. § 112, The instant disclosure does not set forth any correlation between what is shown in Fig. 4 and what is recited within the paragraph bridging pages 5 and 6 of the specification. The paragraph at lines 12 to 27 on page 14 of the specification merely sets forth a general description of Fig. 6 without setting forth any specific dimension or orientations. Fig. 6 does not present any specific graphic indicating any particular dimension or orientation of any of wall panel 22 and projections 28. Examiner disagrees that the language of claim 4 as presented within the response of April 06, 2007 is “supported, *in haec verbis*, by their Specification at Pages 5-6 and 14 and by their Fig. 6” or that “[t]he three sections of the application: Specification, Drawings, and Claims interlock to meet all requirements of § 112 and the regulations concerning the Drawings.” The specification does use words or phrases such as “projections extend parallel to each other” or “projections...extend toward each other” or “projections extend...parallel to the wall”. If “second projections” 28 of Fig. 6

extend toward each other so as to be perpendicular then “first projections” 28 do not extend parallel to one another and to the wall surface. Rather, “first projections” 28 extend collinear or coplanar to one another while extending parallel to the wall surface. Otherwise, “second projections” 28 would not be considered as extending “toward each other” and would be considered as extending parallel to each other. Meanwhile, as expressed above, Fig. 6 does not specifically define the orientation of the projections 28 as by illustrating degree of angles. In other words, the specification sets forth multiple embodiments of forms, panels and connectors while expressing further possibilities of forms, panels and connectors. One of ordinary skill in the art would not ascertain that what is shown in Fig. 6 is the embodiment being defined within finally rejected claim 4.

As for the rejections involving the prior art, Applicant appears to be in disagreement with how the applied references are utilized against the respective claims. However, as set forth within the final Office action each of Johnson ‘262, Piccone ‘648, and Lanc ‘669 serve to read upon the language of claims 1, 4, 6, and 8.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael Safavi whose telephone number is (571) 272-7046. The examiner can normally be reached on Mon.-Fri., 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner’s supervisor, Lanna Mai can be reached on (571) 272-6867. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/M. Safavi/
Primary Examiner, Art Unit 3637

M. Safavi
May 06, 2008

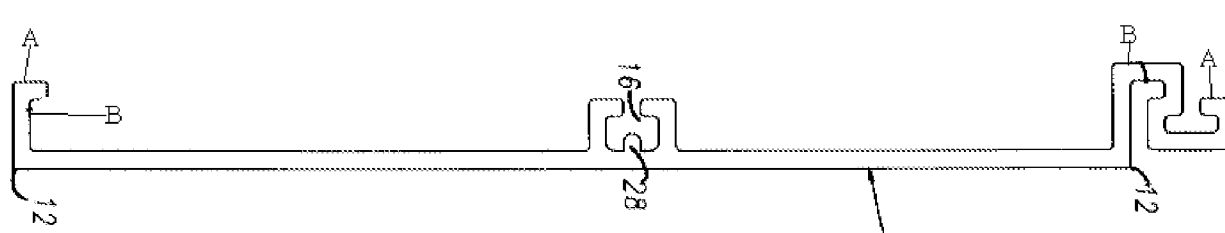
Art Unit: 3637

Attachment: Fig. 7 of Piccone '648



FIG. 7

Attachment: Fig. 1 of Lanc '669



Attachment: Fig. 1 of Nessa et al. '863

